

Air Transportation: 2002

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2002 Economic Census

Transportation and Warehousing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business	Estab- lishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From admin- istrative records ¹	Estimated ²
481	Air transportation ³	3 847	17 973 037	3 549 375	823 086	85 884	4.0	13.0
4811	Scheduled air transportation ³	1 674	10 531 878	2 027 805	468 592	54 588	1.0	16.9
48111	Scheduled air transportation ³	1 674	10 531 878	2 027 805	468 592	54 588	1.0	16.9
481111	Scheduled passenger air transportation ³	1 301	8 913 350	1 673 720	381 927	45 164	.5	16.8
481112	Scheduled freight air transportation	373	1 618 528	354 085	86 665	9 424	3.5	17.7
4812	Nonscheduled air transportation	2 173	7 441 159	1 521 570	354 494	31 296	8.3	7.5
48121	Nonscheduled air transportation	2 173	7 441 159	1 521 570	354 494	31 296	8.3	7.5
481211	Nonscheduled chartered passenger air transportation	1 455	5 460 121	1 051 670	251 735	21 780	7.1	8.2
481212	Nonscheduled chartered freight air transportation	240	1 113 764	260 749	61 021	4 861	9.2	6.1
481219	Other nonscheduled air transportation	478	867 274	209 151	41 738	4 655	14.7	4.9

¹Includes revenue information obtained from administrative records of other federal agencies.

²Includes revenue information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

³Data do not include large certificated passenger carriers that report to the Office of Airline Information, U.S. Department of Transportation.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

1997 NAICS code	Kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
481	Air transportation ¹	2002.. 3 847 1997.. 3 598	17 973 037 20 249 033	3 549 375 2 748 050	85 884 89 125
4811	Scheduled air transportation ¹	2002.. 1 674 1997.. 1 798	10 531 878 16 284 929	2 027 805 1 920 912	54 588 65 988
48111	Scheduled air transportation ¹	2002.. 1 674 1997.. 1 798	10 531 878 16 284 929	2 027 805 1 920 912	54 588 65 988
481111	Scheduled passenger air transportation ¹	2002.. 1 301 1997.. 1 434	8 913 350 12 196 148	1 673 720 1 308 073	45 164 42 754
481112	Scheduled freight air transportation	2002.. 373 1997.. 364	1 618 528 4 088 781	354 085 612 839	9 424 23 234
4812	Nonscheduled air transportation	2002.. 2 173 1997.. 1 800	7 441 159 3 964 104	1 521 570 827 138	31 296 23 137
48121	Nonscheduled air transportation	2002.. 2 173 1997.. 1 800	7 441 159 3 964 104	1 521 570 827 138	31 296 23 137
481211	Nonscheduled chartered passenger air transportation	2002.. 1 455 1997.. 1 365	5 460 121 2 702 834	1 051 670 535 643	21 780 15 175
481212	Nonscheduled chartered freight air transportation	2002.. 240 1997.. 165	1 113 764 770 188	260 749 148 939	4 861 4 009
481219	Other nonscheduled air transportation	2002.. 478 1997.. 270	867 274 491 082	209 151 142 556	4 655 3 953

¹Data do not include large certificated passenger carriers that report to the Office of Airline Information, U.S. Department of Transportation.

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 3. Product Lines by Kind of Business for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage ² (percent)
			Number	Total revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
481		Air transportation ³	3 847	X	17 973 037	X	100.0	73.4
	41010	Bus or other motor vehicle service, transit passenger services	8	13 249	109	.8	Z	X
	41170	Limousine or luxury sedan with drivers	6	8 955	109	1.2	Z	X
	43100	Fuel and lubricant sales	394	1 076 629	147 073	13.7	.8	X
	43300	New and used aircraft	74	625 229	43 819	7.0	.2	X
	43350	Aircraft parts and supplies sales	263	861 583	42 359	4.9	.2	X
	43750	Sales of other merchandise	194	491 668	15 821	3.2	.1	X
	45000	Scheduled domestic passenger revenue	694	5 314 166	4 743 649	89.3	26.4	X
	45010	Commuter domestic passenger revenue	370	1 146 094	916 540	80.0	5.1	X
	45020	Charter domestic passenger revenue	1 749	6 670 123	3 629 282	54.4	20.2	X
	45030	Sightseeing domestic passenger revenue	138	154 552	20 221	13.1	.1	X
	45040	Excess baggage charges, domestic passenger revenue	89	208 174	3 016	1.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	23	129 399	1 679	1.3	Z	X
	45090	Other passenger revenue, domestic	173	356 543	30 836	8.6	.2	X
	45100	Scheduled international passenger revenue	500	3 227 923	2 465 738	76.4	13.7	X
	45110	Commuter international passenger revenue	35	104 531	44 202	42.3	.2	X
	45120	Charter international passenger revenue	378	3 942 382	1 108 841	28.1	6.2	X
	45130	Sightseeing international passenger revenue	26	48 815	555	1.1	Z	X
	45140	Excess baggage charges, international passenger revenue	62	544 423	7 291	1.3	Z	X
	45150	Reservation cancellation fees, international passenger revenue	9	118 637	535	.5	Z	X
	45190	Other passenger revenue, international	43	411 514	18 204	4.4	.1	X
	45200	Domestic air freight revenue, including air courier services	1 332	6 728 871	1 534 159	22.8	8.5	X
	45210	International air freight revenue, including air courier services	609	4 570 251	1 217 487	26.6	6.8	X
	45220	Domestic air mail revenue, including air courier services	113	724 736	362 036	50.0	2.0	X
	45230	International air mail, revenue including air courier services	8	28 538	11 695	41.0	.1	X
	45300	Air ambulance	71	294 754	22 374	7.6	.1	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	331	997 767	28 222	2.8	.2	X
	45420	Aircraft rental or leasing without crew and/or pilot	210	669 472	58 368	8.7	.3	X
	45430	Aircraft maintenance and repair services	433	1 547 018	172 668	11.2	1.0	X
	45440	Aircraft cleaning services	55	176 443	1 747	1.0	Z	X
	45450	Flight training and instruction services	227	413 209	13 187	3.2	.1	X
	45490	Other airport or aircraft services	185	643 250	65 592	10.2	.4	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	519	1 118 200	801 155	71.6	4.5	X
	49810	All other operating revenue	624	4 832 650	444 324	9.2	2.5	X
4811		Scheduled air transportation ³	1 674	X	10 531 878	X	100.0	68.4
	43100	Fuel and lubricant sales	35	143 874	8 757	6.1	.1	X
	43350	Aircraft parts and supplies sales	30	166 586	3 539	2.1	Z	X
	43750	Sales of other merchandise	18	118 151	105	.1	Z	X
	45000	Scheduled domestic passenger revenue	683	5 224 520	4 740 742	90.7	45.0	X
	45010	Commuter domestic passenger revenue	361	1 133 778	914 421	80.7	8.7	X
	45020	Charter domestic passenger revenue	195	1 295 987	52 846	4.1	.5	X
	45030	Sightseeing domestic passenger revenue	7	9 270	2 585	27.9	Z	X
	45040	Excess baggage charges, domestic passenger revenue	81	203 314	2 852	1.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	7	87 083	1 515	1.7	Z	X
	45090	Other passenger revenue, domestic	86	194 133	5 170	2.7	Z	X
	45100	Scheduled international passenger revenue	494	2 976 102	2 436 472	81.9	23.1	X
	45110	Commuter international passenger revenue	31	99 562	43 765	44.0	.4	X
	45120	Charter international passenger revenue	56	517 552	8 824	1.7	.1	X
	45130	Sightseeing international passenger revenue	20	46 795	4 466	1.0	Z	X
	45140	Excess baggage charges, international passenger revenue	58	535 359	6 199	1.2	.1	X
	45150	Reservation cancellation fees, international passenger revenue	9	118 637	535	.5	Z	X
	45190	Other passenger revenue, international	26	363 665	15 866	4.4	.2	X
	45200	Domestic air freight revenue, including air courier services	971	5 075 509	909 658	17.9	8.6	X
	45210	International air freight revenue, including air courier services	464	3 160 892	847 388	26.8	8.0	X
	45220	Domestic air mail revenue, including air courier services	85	488 333	144 467	29.6	1.4	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	60	233 358	1 546	.7	Z	X
	45420	Aircraft rental or leasing without crew and/or pilot	10	57 104	2 145	3.8	Z	X
	45430	Aircraft maintenance and repair services	34	169 467	10 666	6.3	.1	X
	45450	Flight training and instruction services	7	46 220	105	.2	Z	X
	45490	Other airport or aircraft services	14	74 475	5 334	7.2	.1	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	21	219 312	4 686	2.1	Z	X
	49810	All other operating revenue	381	4 018 740	358 547	8.9	3.4	X
48111		Scheduled air transportation ³	1 674	X	10 531 878	X	100.0	68.4
	43100	Fuel and lubricant sales	35	143 874	8 757	6.1	.1	X
	43350	Aircraft parts and supplies sales	30	166 586	3 539	2.1	Z	X
	43750	Sales of other merchandise	18	118 151	105	.1	Z	X
	45000	Scheduled domestic passenger revenue	683	5 224 520	4 740 742	90.7	45.0	X
	45010	Commuter domestic passenger revenue	361	1 133 778	914 421	80.7	8.7	X
	45020	Charter domestic passenger revenue	195	1 295 987	52 846	4.1	.5	X
	45030	Sightseeing domestic passenger revenue	7	9 270	2 585	27.9	Z	X
	45040	Excess baggage charges, domestic passenger revenue	81	203 314	2 852	1.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	7	87 083	1 515	1.7	Z	X
	45090	Other passenger revenue, domestic	86	194 133	5 170	2.7	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage ² (percent)
			Number	Total revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
48111		Scheduled air transportation ³ —Con.						
	45100	Scheduled international passenger revenue	494	2 976 102	2 436 472	81.9	23.1	X
	45110	Commuter international passenger revenue	31	99 562	43 765	44.0	.4	X
	45120	Charter international passenger revenue	56	517 552	8 824	1.7	.1	X
	45130	Sightseeing international passenger revenue	20	46 795	446	1.0	Z	X
	45140	Excess baggage charges, international passenger revenue	58	535 359	6 199	1.2	.1	X
	45150	Reservation cancellation fees, international passenger revenue	9	118 637	535	.5	Z	X
	45190	Other passenger revenue, international	26	363 665	15 866	4.4	.2	X
	45200	Domestic air freight revenue, including air courier services	971	5 075 509	909 658	17.9	8.6	X
	45210	International air freight revenue, including air courier services	464	3 160 892	847 388	26.8	8.0	X
	45220	Domestic air mail revenue, including air courier services	85	488 333	144 467	29.6	1.4	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	60	233 358	1 546	.7	Z	X
	45420	Aircraft rental or leasing without crew and/or pilot	10	57 104	2 145	3.8	Z	X
	45430	Aircraft maintenance and repair services	34	169 467	10 666	6.3	.1	X
	45450	Flight training and instruction services	7	46 220	105	.2	Z	X
	45490	Other airport or aircraft services	14	74 475	5 334	7.2	.1	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	21	219 312	4 686	2.1	Z	X
	49810	All other operating revenue	381	4 018 740	358 547	8.9	3.4	X
481111		Scheduled passenger air transportation ³	1 301	X	8 913 350	X	100.0	69.5
	43100	Fuel and lubricant sales	22	77 903	713	.9	Z	X
	43350	Aircraft parts and supplies sales	22	131 383	1 694	1.3	Z	X
	43750	Sales of other merchandise	15	106 158	89	.1	Z	X
	45000	Scheduled domestic passenger revenue	680	5 212 527	4 740 742	90.9	53.2	X
	45010	Commuter domestic passenger revenue	361	1 133 778	914 421	80.7	10.3	X
	45020	Charter domestic passenger revenue	90	951 500	31 286	3.3	.4	X
	45030	Sightseeing domestic passenger revenue	7	9 270	2 585	27.9	Z	X
	45040	Excess baggage charges, domestic passenger revenue	81	203 314	2 852	1.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	7	87 083	1 515	1.7	Z	X
	45090	Other passenger revenue, domestic	86	194 133	5 170	2.7	.1	X
	45100	Scheduled international passenger revenue	491	2 974 920	2 436 019	81.9	27.3	X
	45110	Commuter international passenger revenue	31	99 562	43 765	44.0	.5	X
	45120	Charter international passenger revenue	53	481 588	8 468	1.8	.1	X
	45130	Sightseeing international passenger revenue	20	46 795	446	1.0	Z	X
	45140	Excess baggage charges, international passenger revenue	55	534 177	6 150	1.2	.1	X
	45150	Reservation cancellation fees, international passenger revenue	9	118 637	535	.5	Z	X
	45190	Other passenger revenue, international	26	363 665	15 866	4.4	.2	X
	45200	Domestic air freight revenue, including air courier services	649	3 805 644	135 929	3.6	1.5	X
	45210	International air freight revenue, including air courier services	385	2 303 121	205 720	8.9	2.3	X
	45220	Domestic air mail revenue, including air courier services	42	219 803	25 938	11.8	.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	29	163 114	267	.2	Z	X
	45430	Aircraft maintenance and repair services	11	62 304	178	.3	Z	X
	45490	Other airport or aircraft services	9	36 812	446	1.2	Z	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	11	64 354	980	1.5	Z	X
	49810	All other operating revenue	368	3 875 970	329 348	8.5	3.7	X
481112		Scheduled freight air transportation	373	X	1 618 528	X	100.0	62.3
	43100	Fuel and lubricant sales	13	65 971	8 044	12.2	.5	X
	43350	Aircraft parts and supplies sales	8	35 203	1 845	5.2	.1	X
	45020	Charter domestic passenger revenue	105	344 487	21 560	6.3	1.3	X
	45200	Domestic air freight revenue, including air courier services	322	1 269 865	773 729	60.9	47.8	X
	45210	International air freight revenue, including air courier services	79	857 771	641 668	74.8	39.6	X
	45220	Domestic air mail revenue, including air courier services	43	268 530	118 529	44.1	7.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	31	70 244	1 279	1.8	.1	X
	45420	Aircraft rental or leasing without crew and/or pilot	8	48 993	2 056	4.2	.1	X
	45430	Aircraft maintenance and repair services	23	107 163	10 488	9.8	.6	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	10	154 958	3 706	2.4	.2	X
	49810	All other operating revenue	13	142 770	29 199	20.5	1.8	X
4812		Nonscheduled air transportation	2 173	X	7 441 159	X	100.0	80.5
	41010	Bus or other motor vehicle service, transit passenger services	6	11 466	109	1.0	Z	X
	41170	Limousine or luxury sedan with drivers	6	8 955	109	1.2	Z	X
	43100	Fuel and lubricant sales	359	932 755	138 316	14.8	1.9	X
	43300	New and used aircraft	74	625 229	43 819	7.0	.6	X
	43350	Aircraft parts and supplies sales	233	694 997	38 820	5.6	.5	X
	43750	Sales of other merchandise	176	373 517	15 716	4.2	.2	X
	45000	Scheduled domestic passenger revenue	11	89 646	2 907	3.2	Z	X
	45010	Commuter domestic passenger revenue	9	12 316	2 119	17.2	Z	X
	45020	Charter domestic passenger revenue	1 554	5 374 136	3 576 436	66.5	48.1	X
	45030	Sightseeing domestic passenger revenue	131	145 282	17 636	12.1	.2	X
	45040	Excess baggage charges, domestic passenger revenue	8	4 860	164	3.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	16	42 316	164	.4	Z	X
	45090	Other passenger revenue, domestic	87	162 410	25 666	15.8	.3	X
	45100	Scheduled international passenger revenue	6	251 821	29 266	11.6	.4	X
	45120	Charter international passenger revenue	322	3 424 830	1 100 017	32.1	14.8	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage ² (percent)
			Number	Total revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
4812		Nonscheduled air transportation—Con.						
	45130	Sightseeing international passenger revenue	6	2 020	109	5.4	Z	X
	45190	Other passenger revenue, international	17	47 849	2 338	4.9	Z	X
	45200	Domestic air freight revenue, including air courier services	361	1 653 362	624 501	37.8	8.4	X
	45210	International air freight revenue, including air courier services	145	1 409 359	370 099	26.3	5.0	X
	45220	Domestic air mail revenue, including air courier services	28	236 403	217 569	92.0	2.9	X
	45300	Air ambulance	67	249 831	20 591	8.2	.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	271	764 409	26 676	3.5	.4	X
	45420	Aircraft rental or leasing without crew and/or pilot	200	612 368	56 223	9.2	.8	X
	45430	Aircraft maintenance and repair services	399	1 377 551	162 002	11.8	2.2	X
	45440	Aircraft cleaning services	50	149 793	1 747	1.2	Z	X
	45450	Flight training and instruction services	220	366 989	13 082	3.6	.2	X
	45490	Other airport or aircraft services	171	568 775	60 258	10.6	.8	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	498	898 888	796 469	88.6	10.7	X
	49810	All other operating revenue	243	813 910	85 777	10.5	1.2	X
48121		Nonscheduled air transportation	2 173	X	7 441 159	X	100.0	80.5
	41010	Bus or other motor vehicle service, transit passenger services	6	11 466	109	1.0	Z	X
	41170	Limousine or luxury sedan with drivers	6	8 955	109	1.2	Z	X
	43100	Fuel and lubricant sales	359	932 755	138 316	14.8	1.9	X
	43300	New and used aircraft	74	625 229	43 819	7.0	.6	X
	43350	Aircraft parts and supplies sales	233	694 997	38 820	5.6	.5	X
	43750	Sales of other merchandise	176	373 517	15 716	4.2	.2	X
	45000	Scheduled domestic passenger revenue	11	89 646	2 907	3.2	Z	X
	45010	Commuter domestic passenger revenue	9	12 316	2 119	17.2	Z	X
	45020	Charter domestic passenger revenue	1 554	5 374 136	3 576 436	66.5	48.1	X
	45030	Sightseeing domestic passenger revenue	131	145 282	17 636	12.1	.2	X
	45040	Excess baggage charges, domestic passenger revenue	8	4 860	164	3.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	16	42 316	164	.4	Z	X
	45090	Other passenger revenue, domestic	87	162 410	25 666	15.8	.3	X
	45100	Scheduled international passenger revenue	6	251 821	29 266	11.6	.4	X
	45120	Charter international passenger revenue	322	3 424 830	1 100 017	32.1	14.8	X
	45130	Sightseeing international passenger revenue	6	2 020	109	5.4	Z	X
	45190	Other passenger revenue, international	17	47 849	2 338	4.9	Z	X
	45200	Domestic air freight revenue, including air courier services	361	1 653 362	624 501	37.8	8.4	X
	45210	International air freight revenue, including air courier services	145	1 409 359	370 099	26.3	5.0	X
	45220	Domestic air mail revenue, including air courier services	28	236 403	217 569	92.0	2.9	X
	45300	Air ambulance	67	249 831	20 591	8.2	.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	271	764 409	26 676	3.5	.4	X
	45420	Aircraft rental or leasing without crew and/or pilot	200	612 368	56 223	9.2	.8	X
	45430	Aircraft maintenance and repair services	399	1 377 551	162 002	11.8	2.2	X
	45440	Aircraft cleaning services	50	149 793	1 747	1.2	Z	X
	45450	Flight training and instruction services	220	366 989	13 082	3.6	.2	X
	45490	Other airport or aircraft services	171	568 775	60 258	10.6	.8	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	498	898 888	796 469	88.6	10.7	X
	49810	All other operating revenue	243	813 910	85 777	10.5	1.2	X
481211		Nonscheduled chartered passenger air transportation	1 455	X	5 460 121	X	100.0	79.3
	41010	Bus or other motor vehicle service, transit passenger services	6	11 466	109	1.0	Z	X
	41170	Limousine or luxury sedan with drivers	6	8 955	109	1.2	Z	X
	43100	Fuel and lubricant sales	286	805 477	122 361	15.2	2.2	X
	43300	New and used aircraft	64	454 064	27 410	6.0	.5	X
	43350	Aircraft parts and supplies sales	164	553 984	27 028	4.9	.5	X
	43750	Sales of other merchandise	138	210 488	2 184	1.0	Z	X
	45000	Scheduled domestic passenger revenue	8	84 523	2 239	2.6	Z	X
	45010	Commuter domestic passenger revenue	6	6 279	983	15.7	Z	X
	45020	Charter domestic passenger revenue	1 431	5 158 777	3 559 615	69.0	65.2	X
	45030	Sightseeing domestic passenger revenue	98	123 617	17 090	13.8	.3	X
	45040	Excess baggage charges, domestic passenger revenue	8	4 860	164	3.4	Z	X
	45050	Reservation cancellation fees, domestic passenger revenue	16	42 316	164	.4	Z	X
	45090	Other passenger revenue, domestic	78	158 835	25 553	16.1	.5	X
	45100	Scheduled international passenger revenue	6	251 821	29 266	11.6	.5	X
	45120	Charter international passenger revenue	310	3 370 860	1 097 812	32.6	20.1	X
	45130	Sightseeing international passenger revenue	6	2 020	109	5.4	Z	X
	45190	Other passenger revenue, international	14	47 448	2 293	4.8	Z	X
	45200	Domestic air freight revenue, including air courier services	152	784 456	33 744	4.3	.6	X
	45210	International air freight revenue, including air courier services	30	649 754	100 958	15.5	1.8	X
	45220	Domestic air mail revenue, including air courier services	12	17 582	601	3.4	Z	X
	45300	Air ambulance	54	193 725	14 033	7.2	.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	230	676 727	25 663	3.8	.5	X
	45420	Aircraft rental or leasing without crew and/or pilot	164	555 294	53 782	9.7	1.0	X
	45430	Aircraft maintenance and repair services	296	1 203 520	154 958	12.9	2.8	X
	45440	Aircraft cleaning services	46	143 601	1 747	1.2	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage ² (percent)
			Number	Total revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
481211		Nonscheduled chartered passenger air transportation—Con.						
	45450	Flight training and instruction services	162	281 196	11 248	4.0	.2	X
	45490	Other airport or aircraft services	144	531 270	58 478	11.0	1.1	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	20	31 614	6 061	19.2	.1	X
	49810	All other operating revenue	194	769 167	82 775	10.8	1.5	X
481212		Nonscheduled chartered freight air transportation	240	X	1 113 764	X	100.0	86.1
	43100	Fuel and lubricant sales	21	38 547	2 183	5.7	.2	X
	43350	Aircraft parts and supplies sales	21	51 233	3 397	6.6	.3	X
	45020	Charter domestic passenger revenue	42	110 931	12 407	11.2	1.1	X
	45120	Charter international passenger revenue	8	16 885	557	3.3	.1	X
	45200	Domestic air freight revenue, including air courier services	203	862 610	590 505	68.5	53.0	X
	45210	International air freight revenue, including air courier services	113	726 675	262 888	36.2	23.6	X
	45220	Domestic air mail revenue, including air courier services	16	218 821	216 968	99.2	19.5	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	16	22 498	267	1.2	Z	X
	45420	Aircraft rental or leasing without crew and/or pilot	13	24 959	1 270	5.1	.1	X
	45430	Aircraft maintenance and repair services	24	88 934	3 575	4.0	.3	X
	45450	Flight training and instruction services	16	13 220	256	1.9	Z	X
	45490	Other airport or aircraft services	8	15 459	479	3.1	Z	X
	49810	All other operating revenue	18	13 087	2 005	15.3	.2	X
481219		Other nonscheduled air transportation	478	X	867 274	X	100.0	81.5
	43100	Fuel and lubricant sales	52	88 731	13 772	15.5	1.6	X
	43300	New and used aircraft	10	171 165	16 409	9.6	1.9	X
	43350	Aircraft parts and supplies sales	48	89 780	8 395	9.4	1.0	X
	43750	Sales of other merchandise	33	158 451	13 521	8.5	1.6	X
	45020	Charter domestic passenger revenue	81	104 428	4 414	4.2	.5	X
	45030	Sightseeing domestic passenger revenue	33	21 665	546	2.5	.1	X
	45090	Other passenger revenue, domestic	6	3 174	113	3.6	Z	X
	45200	Domestic air freight revenue, including air courier services	6	6 296	252	4.0	Z	X
	45300	Air ambulance	8	40 536	2 281	5.6	.3	X
	45410	Airport and/or aircraft ramp service, parking, tie down, and storage fees	25	65 184	746	1.1	.1	X
	45420	Aircraft rental or leasing without crew and/or pilot	23	32 115	1 171	3.6	.1	X
	45430	Aircraft maintenance and repair services	79	85 097	3 469	4.1	.4	X
	45450	Flight training and instruction services	42	72 573	1 578	2.2	.2	X
	45490	Other airport or aircraft services	19	22 046	1 301	5.9	.2	X
	45500	Other specialized flying services, including crop dusting, aerial forest fire fighting, aerial advertising and photography, aviation clubs, and aerial surveying	478	867 274	790 408	91.1	91.1	X
	49810	All other operating revenue	31	31 656	997	3.1	.1	X

¹Product line revenue and/or product line percents may not sum to totals due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

²Revenue of establishments reporting product line revenue as percent of total revenue.

³Data do not include large certificated passenger carriers that report to the Office of Airline Information, U.S. Department of Transportation.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business and largest firms based on revenue	Establishments (number)	Revenue		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
481	Air transportation ¹						
	All firms	3 847	17 973 037	100.0	3 549 375	823 086	85 884
	4 largest firms	94	3 355 475	18.7	644 184	154 591	15 794
	8 largest firms	231	5 290 264	29.4	886 564	197 949	20 765
	20 largest firms	386	7 987 317	44.4	1 250 348	282 539	28 000
	50 largest firms	778	11 127 044	61.9	2 013 939	463 473	48 186
4811	Scheduled air transportation ¹						
	All firms	1 674	10 531 878	100.0	2 027 805	468 592	54 588
	4 largest firms	123	3 001 369	28.5	524 318	126 258	14 147
	8 largest firms	241	4 527 252	43.0	777 039	170 146	20 015
	20 largest firms	425	6 751 034	64.1	1 005 136	224 721	25 288
	50 largest firms	874	8 733 288	82.9	1 547 017	350 472	40 797
48111	Scheduled air transportation ¹						
	All firms	1 674	10 531 878	100.0	2 027 805	468 592	54 588
	4 largest firms	123	3 001 369	28.5	524 318	126 258	14 147
	8 largest firms	241	4 527 252	43.0	777 039	170 146	20 015
	20 largest firms	425	6 751 034	64.1	1 005 136	224 721	25 288
	50 largest firms	874	8 733 288	82.9	1 547 017	350 472	40 797
481111	Scheduled passenger air transportation ¹						
	All firms	1 301	8 913 350	100.0	1 673 720	381 927	45 164
	4 largest firms	123	3 001 369	33.7	524 318	126 258	14 147
	8 largest firms	241	4 527 252	50.8	777 039	170 146	20 015
	20 largest firms	482	6 516 182	73.1	1 186 141	262 783	31 565
	50 largest firms	835	8 014 816	89.9	1 443 883	322 912	38 461
481112	Scheduled freight air transportation						
	All firms	373	1 618 528	100.0	354 085	86 665	9 424
	4 largest firms	54	550 323	34.0	118 763	30 431	2 657
	8 largest firms	59	774 590	47.9	147 605	36 490	3 163
	20 largest firms	107	1 125 239	69.5	230 319	56 176	5 832
	50 largest firms	204	1 436 435	88.7	306 762	74 813	7 902
4812	Nonscheduled air transportation						
	All firms	2 173	7 441 159	100.0	1 521 570	354 494	31 296
	4 largest firms	15	1 760 015	23.7	324 731	77 814	4 994
	8 largest firms	34	2 407 768	32.4	457 209	113 829	7 493
	20 largest firms	51	3 324 786	44.7	666 092	163 281	11 234
	50 largest firms	98	4 323 891	58.1	840 133	201 332	14 441
48121	Nonscheduled air transportation						
	All firms	2 173	7 441 159	100.0	1 521 570	354 494	31 296
	4 largest firms	15	1 760 015	23.7	324 731	77 814	4 994
	8 largest firms	34	2 407 768	32.4	457 209	113 829	7 493
	20 largest firms	51	3 324 786	44.7	666 092	163 281	11 234
	50 largest firms	98	4 323 891	58.1	840 133	201 332	14 441
481211	Nonscheduled chartered passenger air transportation						
	All firms	1 455	5 460 121	100.0	1 051 670	251 735	21 780
	4 largest firms	26	1 713 640	31.4	293 129	71 144	5 055
	8 largest firms	30	2 195 528	40.2	372 405	93 911	7 142
	20 largest firms	49	2 795 228	51.2	503 580	126 336	8 973
	50 largest firms	88	3 471 104	63.6	623 669	154 654	11 249
481212	Nonscheduled chartered freight air transportation						
	All firms	240	1 113 764	100.0	260 749	61 021	4 861
	4 largest firms	9	549 160	49.3	139 591	33 471	1 948
	8 largest firms	15	735 687	66.1	165 020	39 676	2 541
	20 largest firms	32	916 763	82.3	214 723	50 618	3 462
	50 largest firms	67	1 041 968	93.6	243 362	56 943	4 245
481219	Other nonscheduled air transportation						
	All firms	478	867 274	100.0	209 151	41 738	4 655
	4 largest firms	8	316 400	36.5	79 828	15 148	1 383
	8 largest firms	37	405 099	46.7	98 257	19 093	1 697
	20 largest firms	53	546 415	63.0	132 808	25 141	2 358
	50 largest firms	93	674 187	77.7	162 743	31 248	3 062

¹Data do not include large certificated passenger carriers that report to the Office of Airline Information, U.S. Department of Transportation.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.